

## IN THE CLAIMS

Presented below is a complete list of claims with changes marked up:

- B1  
Cmt.*
1. (Currently Amended) A package comprising:  
a substrate having a plurality of traces in one area on a surface of the substrate,  
each of the plurality of traces having first and second ends, the first ends of the plurality  
of traces located at a first side of the area of the substrate and second ends of the  
plurality of traces located at a second side of the area opposite the first side;  
a plurality of wires coupling the plurality of traces to form a coil by having each  
of the plurality of wires coupling a first end of one trace of the plurality of traces to a  
second end of another of the plurality of traces located adjacent to the one trace; and  
a resistor, on the surface of the substrate, coupled to the coil.
  2. (Original) The package of claim 1 wherein the plurality of traces are  
substantially parallel to each other.
  3. (Canceled)
  4. (Original) The package of claim 1 wherein the traces are welded to the wires.
  5. (Original) The package of claim 1 wherein the traces have a length of 2 mm  
and a pitch of 1 mm.

6. - 15. (Canceled)

B1  
Cmt. 17

16. (Currently Amended) A package comprising:

a substrate;

a coil, the coil including a plurality of loops, ~~each loop including a trace~~ traces on a surface of the substrate and a plurality of wire bonds, each wire bond coupling one trace to another trace ~~coupled to one end of the trace and an end of an adjacent trace,~~

wherein a magnetic field is created when current flows through the coil; and

a resistor, on the surface of the substrate, coupled to the coil.

18

17. (Currently Amended) A package comprising:

a substrate;

a plurality of traces on a surface of the substrate ~~having first and second ends,~~  
~~the first ends of the plurality of traces located at a first side of the substrate and the~~  
~~second ends of the plurality of traces located at a second side of the substrate opposite~~  
~~to the first side;~~

a plurality of wires, each wire coupling a first end of one trace of the plurality of traces to a second end of another trace of the plurality of traces located adjacent to the one trace to form a coil loop, ~~with loops completed together forming a coil and linked together by a magnetic flux created in response to current flowing through the loops of the coil; and~~

a resistor, on the surface of the substrate, coupled to the coil.

Rule 1.12  
B'anced.  
19  
18. (New)

The package of claim 1, wherein the traces are wire-bonded to the  
wires.

---